

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims**

Claims 1-36 (Cancelled)

37. (Currently amended) A process for treating a disease in a mammalian subject comprising: a) obtaining cells from said subject; b) treating said cells with an effective amount of an intermediary metabolite or a reagent that increases the intracellular level of a mammalian intermediary metabolite in said cells; and c) transferring said treated cells to said subject, wherein said intermediary metabolite or reagent is a glycolipid, and wherein said disease is cancer, a viral infection, or an autoimmune disease.

38. (Cancelled)

39. (Cancelled)

40. (Previously Presented) The process of claim 37, wherein said glycolipid comprises a monosaccharide ceramide.

41. (Currently Amended) The process of claim 40, wherein said monosaccharide ceramide comprises a glucosyl ceramide and ~~galactosyl~~ galactosyl ceramide.

42. (Original) The process of claim 37, wherein said transferring step is carried out by intravenous means.

43. (Cancelled)

44. (Cancelled)

45. (Previously Presented) The process of claim 37, wherein said viral infection comprises HBV, HCV or HIV.

46. (Withdrawn) The process of claim 37, wherein said autoimmune disease comprises diabetes type I, diabetes type II, rheumatoid arthritis, Crohn's disease, arteriosclerosis and ulcerative colitis.

47. (Previously Presented) The process of claim 37, wherein said reagent increases the rate of production of said glycolipid in said subject.

48. (Previously Presented) The process of claim 37, wherein reagent decreases the rate of degradation or turnover of said glycolipid in said subject.

49. (Original) The process of claim 37, wherein cells obtained from said subject comprise peripheral blood monocytes (PBMCs), dendritic cells, T cells, stem cells, NK cells, NKT cells and CD1d cells.

Claims 50-62 (Cancelled).

63. (Previously Presented) The process of claim 40, wherein the viral infection is an HCV infection.

64. (Previously Presented) The process of claim 41, wherein the viral infection is an HCV infection.